

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Alon Shalev

Application No.: 10/518,322

Confirmation No.: 6740

Filed: July 8, 2005

Art Unit: 1614

For: Methods and systems for management of  
alzheimer&#39;s disease

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. 1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

1. This IDS should be considered, in accordance with 37 C.F.R. 1.97, as it is filed:  
(Check one of the boxes A-D)

- ☐ A. within three months of the filing date of the above-identified national application or within three months of the entry into the national stage of the above identified national application
- ☒ B. before the mailing date of a first office action on the merits, or a first office action after filing a request for continued examination.
- ☐ C. after (A) and (B) above, but before final rejection or allowance, and Applicants have made the necessary statement in box "I" below or paid the necessary fee in box "ii" below.

(check one of the boxes "i" and "ii" below:)

- ☐ i. Counsel states that, upon information and belief, each item of information listed herein was (check one of boxes (a) or (b))
- ☐ (a) first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- ☐ (b) not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.
- ☐ ii. Payment in the amount of the fee set forth in 1.17(p), presently believed to be \$180, is indicated below.
- ☐ D. after (A), (B) and (C) above, but before payment of the issue fee: Applicant petitions under 37 C.F.R. 1.97(d) for the consideration of this IDS. Under 37 CFR 1.17(i) a check in the amount of \$180.00 is enclosed. Counsel certifies that, upon information and belief, each item of information listed herein was

(check one of the boxes "a" and "b" below:)

- ☐ (a) first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- ☐ (b) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.

2. In accordance with 37 C.F.R. 1.98, this IDS includes a list (e.g., form PTO/SB/08) of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment hereto. A copy of each document listed is attached, except as explained below.

(check boxes A, B and/or C and fill in blanks, if appropriate.)

- ☒ A. Pursuant to the 37 C.F.R. § 1.98(a)(2)(ii), a copy/copies of the U.S. Patent(s) and/or U.S. Patent Application Publication(s) on PTO/SB08 is/are not being submitted.
- ☐ B. Document(s) \_\_\_\_\_ is (are) deemed substantially cumulative to document(s) \_\_\_\_\_, and, in accordance with 1.98(c), only a copy of each of the latter documents is enclosed.
- ☐ C. Certain documents were previously cited by or submitted to the Office in the following prior applications, which are relied upon under 35 U.S.C. 120:

<<INSERT SERIAL NO. & FILING DATE>>

Applicant identifies these documents by attaching hereto copies of the forms PTO-892, PTO-1449 and/or PTO/SB/08 from the files of the prior application(s) or a fresh PTO/SB/08 listing these documents, and request that they be considered and made of record in accordance with 1.98(d). Per 37 CFR 1.98(d), copies of these documents need not be filed in this application.

- ☐ 3. Cite No(s). \_\_\_\_\_ are not in the English language.  
In accordance with 1.98(c), Applicant states:
- ☐ An English translation of each document (or of the pertinent portions thereof), or a copy of each corresponding English-language patent or application, or English-language abstract (or claim) is enclosed.
- ☐ The requirement for a concise explanation of the relevance of any foreign language document is satisfied by the attached search report; citation of the documents cited in the search report shall not be construed as an admission that they are or are considered to be, material to patentability of the subject matter claimed herein (See MPEP §609).
- ☐ A concise explanation of the relevance of document(s) \_\_\_\_\_ is set forth as follows: [Insert concise explanation of relevance]
- ☐ A concise explanation of the relevance of document(s) \_\_\_\_\_ can be found on page(s) \_\_\_\_\_ of the specification.
- ☐ A concise explanation of document(s) \_\_\_\_\_ can be found on the attached sheet.

- ☐ 4. No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 in the preamble to the final rules; 1135 OG 13 at 20).
- ☒ 5. Other information being provided for the examiner's consideration follows:

European Search Report, dated December 13, 2006, which issued during the prosecution of Applicant's European Patent Application No. EP 06 01 7239.

6. In accordance with 37 C.F.R. 1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56 (b), or that any cited document listed or attached is (or constitutes) prior art. Unless other-wise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant reserves the right to prove that the date of publication is in fact different.

Early and favorable consideration is earnestly solicited.

The Commissioner is authorized to charge any deficiency of up to \$300.00 or credit any excess in this fee to Deposit Account No. 04-0100.

Dated: March 5, 2007

Respectfully submitted,

By 

S. Peter Ludwig

Registration No.: 25,351

DARBY & DARBY P.C.

P.O. Box 5257

New York, New York 10150-5257

(212) 527-7700

(212) 527-7701 (Fax)

Attorneys/Agents For Applicant

Substitute for form 1449B/TO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		Application Number	10/518,322-Conf. #6740
		Filing Date	July 8, 2005
		First Named Inventor	Alon Shalev
		Art Unit	1614
		Examiner Name	Not Yet Assigned
Sheet	1	of	1
		Attorney Docket Number	06727/1200798-US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA*	US-6,735,474-B1	05-11-2004	Loeb et al.	
	AB*	US-20020099417-A1	07-25-2002	Narikoku et al.	
	AC*	US-2003/036781	02/2003	Nuttin et al.	
	AD*	US-6,066,163-B1	05/2000	John	
	AE*	US-20040220544-A1	11-04-2004	Shalev et al.	
	AF*	US-20040133248-A1	07-08-2004	Frei et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>1</sup> -Number <sup>2</sup> -Kind Code <sup>3</sup> (if known)			
	BA	EP-1559369	08-03-2005	Cornell Res Foundation Inc	
	BB	WO-2004/064918-A1	08-05-2004	Pardo et al	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 605. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with a single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.99(a)(2)(ii)) because that application was filed after June 30, 2003 or is available in the IFW. \* Applicant's unique citation designation number (optional). \* See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 601.04. \* Error Office that issued the document, by the two-letter code (WPO Standard 67.3). \* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbol as indicated on the document under WPO Standard 67.16 if possible. \* Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	CA	European Search Report, dated December 13, 2006 for Application No. EP 06 01 7239			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 605. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*Applicant's unique citation designation number (optional). \*Applicant is to place a check mark here if English language Translation is attached

Examiner Signature	Date Considered
--------------------	-----------------



DOCUMENTS CONSIDERED TO BE RELEVANT

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages		
X	US 6 735 474 B1 (LOEB GERALD E [US] ET AL) 11 May 2004 (2004-05-11) * column 2, lines 28-60 * * column 4, lines 45-65 * * column 6, lines 49-58 * * column 9, lines 3-13 *	1-10, 13, 14	INV. A61N1/36
X	US 2002/099417 A1 (NARITOKU OGAN K [US] ET AL) 25 July 2002 (2002-07-25) * paragraph [0054] * * paragraph [0082] * * paragraphs [0097] - [0101] * * paragraphs [0152] - [0157] *	1, 5, 7-13	
X	EP 1 559 369 A (CORNELL RES FOUNDATION INC [US]) 3 August 2005 (2005-08-03) * paragraphs [0023], [0024] * * paragraph [0030] *	1, 5, 7, 9, 10, 13	
X	US 2003/036781 A1 (NUTTIN BART [BE] ET AL) 20 February 2003 (2003-02-20) * paragraphs [0035], [0036] * * paragraphs [0047] - [0050] *	1, 7, 10, 13, 14	TECHNICAL FIELDS SEARCHED (IPC)  A61N
X	US 6 066 163 A (JOHN MICHAEL SASHA [US]) 23 May 2000 (2000-05-23)  * column 3, lines 18-34 * * column 6, line 54 - column 7, line 1 * * column 13, lines 26-51 *	1, 5-7, 9, 10, 13, 15, 16	
X	WO 2004/064918 A1 (DEPT OF VETERANS AFFAIRS REHAB [US] DEPT OF VETERANS AFFAIRS OFFIC [US]) 5 August 2004 (2004-08-05) * page 11, line 11 - page 12, line 24 * * page 2, lines 2-25 *	1, 4, 6-10, 13	
-/-			
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	
The Hague		13 December 2006	
		Examiner	
		Loveniers, Kris	
CATEGORY OF CITED DOCUMENTS			
X: particularly relevant if taken alone Y: particularly relevant if considered with another document of the same category A: technological background O: non-written disclosure P: prior art document T: theory or principle underlying the invention E: earlier patent document, not published in, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document			

2  
EP 06 01 7239



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	US 2004/220644 A1 (SHALEV ALON [IL] ET AL) 4 November 2004 (2004-11-04) * paragraphs [0340] - [0344] *	12	
A	US 2004/133248 A1 (FREI MARK G [US] ET AL) 8 July 2004 (2004-07-08) * paragraph [0150] * * paragraphs [0168], [0169] *	2-4	
			TECHNICAL FIELDS SEARCHED (IPC)
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 13 December 2006	Searcher Loveniers, Kris
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>X : particularly relevant if taken alone  Y : particularly relevant if combined with another document of the same category  A : technological background  D : non-written disclosure  P : intermediate document</p> <p>T : theory or principle underlying the invention  E : earlier patent document, but published on, or after the filing date  D : document cited in the application  L : document cited for other reasons  &amp; : member of the same patent family, corresponding document</p>			

2  
EP 06 01 7239 (IPC)

ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.

EP 06 01 7239

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

13-12-2006

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6735474	B1	11-05-2004	US 2002055761 A1	09-05-2002
US 2002099417	A1	25-07-2002	US 2002099418 A1	25-07-2002
EP 1559369	A	03-08-2005	NONE	
US 2003036781	A1	20-02-2003	US 2005049650 A1	03-03-2005
US 6066163	A	23-05-2000	US 6463328 B1	08-10-2002
WO 2004064918	A1	05-08-2004	NONE	
US 2004220644	A1	04-11-2004	NONE	
US 2004133248	A1	08-07-2004	NONE	